

## SEQUENCE LISTING

<110> NOVARTIS AG  
 VERES, GABOR  
 PIPPIG, SUSANNE  
 <120> selectable cell surface marker genes  
 <130> 4-31192  
 10 <150> us 60/166594  
 <151> 1999-11-19  
 <150> us 09/539248  
 <151> 2000-03-30  
 <160> 16  
 <170> PatentIn version 3.

<210> 1  
 <211> 3633  
 20 <212> DNA  
 <213> EGFR  
 <400> 1

	atgcgaccct ccgggacggc cggggcagcg ctccctggcg tgctggctgc gctctgcccg	60
	gcgagtcggg ctctggagga aaagaaagtt tgccaaggca cgagtaacaa gctcacgcag	120
	ttgggcactt ttgaagatca ttttctcagc ctccagagga tgttcaataa ctgtgagggtg	180
	gtccttgagg atttggaat tacctatgtg cagaggaatt atgatctttc cttcttaaag	240
	accatccagg aggtggctgg ttatgtcctc attgccctca acacagtggg gccaattcct	300
	ttggaaaacc tgcagatcat cagaggaaat atgtactacg aaaattccta tgccttagca	360
	gtccttatcta actatgatgc aaataaaaacc ggactgaagg agctgcccat gagaaattta	420
30	caggaaatcc tgcattggcg cgtgcgggtc agcaacaacc ctgccctgtg caacgtggag	480
	agcatccagt ggccggacat agtcagcagt gactttctca gcaacatgtc gatggacttc	540
	cagaaccacc tgggcagctg ccaaaagtgt gatccaagct gtcccaatgg gagctgctgg	600
	ggtgcaggag aggagaactg ccagaaactg accaaaatca tctgtgcccc gcagtgtctc	660
	gggcgtgccc gtggcaagtc ccccagtgtg tgctgccaca accagtgtgc tgcaggctgc	720
	acaggccccc gggagagcga ctgcctgtgc tgccgcaaat tccgagacga agccacgtgc	780
	aaggacacct gccccccact catgctctac aaccaccaca cgtaccagat ggatgtgaac	840
	cccaggggca aatacagctt tgggtgccacc tgcgtgaaga agtgtccccg taattatgtg	900
	gtgacagatc acggtcgtg cgtccgagcc tgtggggccg acagctatga gatggaggaa	960
	gacggcgtcc gcaagtgtaa gaagtgcgaa gggccttgcc gcaaagtgtg taacggaata	1020
40	ggtattggtg aatttaaaga ctactctcc ataatgtcta cgaatattaa acactcaaa	1080
	aactgcacct ccatcagtgg cgatctccac atcctgccg tggcatttag gggtgactcc	1140
	ttcacacata ctctcctct ggatccacag gaactggata ttctgaaaac cgtaaaggaa	1200
	atcacagggt ttttgctgat tcaggcttgg cctgaaaaca ggacggacct ccatgccttt	1260
	gagaacctag aaatcatatc cggcaggacc aagcaacatg gtcagttttc tcttgagtc	1320
	gtcagcctga acataacatc cttgggatta cgctccctca aggagataag tgatggagat	1380
	gtgataattt caggaaacaa aaatttgtgc tatgcaaata caataaactg gaaaaaactg	1440
	tttgggacct ccggtcagaa aaccaaaatt ataagcaaca gaggtgaaaa cagctgcaag	1500
	gccacaggcc aggtctgcca tgccttgtgc tccccgagg gctgctgggg cccggagccc	1560
	agggactgcg tctcttgccg gaatgtcagc cgaggcaggg aatgcgtgga caagtgaag	1620
50	cttctggagg gtgagccaag ggagtttggt gagaactctg agtgcataca gtgccaccca	1680
	gagtgcctgc ctgagcccat gaacatcacc tgcacaggac ggggaccaga caactgtatc	1740
	cagtgtgccc actacattga cggcccccac tgcgtcaaga cctgcccggc aggagtcatg	1800
	ggagaaaaca acaccctggt ctggaagtac gcagacgccg gccatgtgtg ccacctgtgc	1860
	catccaaact gcacctacgg atgcactggg ccaggctctg aaggctgtcc aacgaatggg	1920

	cctaagatcc	cgtccatcgc	cactgggatg	gtggggggccc	tctctttgct	gctgggtggtg	1980
	gccctgggga	tggcctctt	catgcgaagg	cgccacatcg	ttcggaagcg	cacgctgcgg	2040
	aggctgctgc	aggagaggga	gcttgtggag	cctcttacac	ccagtggaga	agctcccaac	2100
	caagctctct	tgaggatctt	gaaggaaact	gaattcaaaa	agatcaaagt	gctgggctcc	2160
	ggtgcgttcg	gcacggtgta	taagggactc	tggatcccag	aagggtgagaa	agttaaaatt	2220
	cccgtcgcta	tcaaggaatt	aagagaagca	acatctccga	aagccaacaa	ggaaatcctc	2280
	gatgaagcct	acgtgatggc	cagcgtggac	aacccccacg	tgtgccgcct	gctgggcatc	2340
	tgctcacct	ccaccgtgca	actcatcacg	cagctcatgc	ccttcggctg	cctcctggac	2400
	tatgtccggg	aacacaaaga	caatattggc	tcccagttac	tgctcaactg	gtgtgtgcag	2460
10	atcgcaaagg	gcatgaacta	cttggaggac	cgctcgcttg	tgaccgcgca	cctggcagcc	2520
	aggaacgtac	tggtgaaaac	accgcagcat	gtcaagatca	cagatttttg	gctggccaaa	2580
	ctgctgggtg	cggaagagaa	agaataccat	gcagaaggag	gcaaagtgcc	tatcaagtgg	2640
	atggcatttg	aatcaatttt	acacagaatc	tatacccacc	agagtgatgt	ctggagctac	2700
	ggggtgaccg	tttgggagtt	gatgaccttt	ggatccaagc	catatgacgg	aatccctgcc	2760
	agcgagatct	cctccatcct	ggagaaagga	gaacgcctcc	ctcagccacc	catatgtacc	2820
	atcgatgtct	acatgatcat	ggtcaagtgc	tggatgatag	acgcagatag	tcgccccaaag	2880
	ttccgtgagt	tgatcatcga	attctccaaa	atggcccagag	acccccagcg	ctaccttgtc	2940
	attcaggggg	atgaaagaat	gcatttgcca	agtcctacag	actccaactt	ctaccgtgcc	3000
20	ctgatggatg	aagaagacat	ggacgacgtg	gtggatgccg	acgagtacct	catcccacag	3060
	cagggcttct	tcagcagccc	ctccacgtca	cggactcccc	tcttgagctc	tctgagtgc	3120
	accagcaaca	attccaccgt	ggcttgcatt	gatagaaatg	ggctgcaaag	ctgtcccatc	3180
	aaggaagaca	gcttcttgca	gcgatacagc	tcagacccca	caggcgccct	gactgaggac	3240
	agcatagacg	acaccttcct	cccagtgcct	gaatacataa	accagtcctg	tcccaaaagg	3300
	cccgtgggt	ctgtgcagaa	tctgtctat	cacaatcagc	ctctgaacct	cgcgcccagc	3360
	agagacccac	actaccagga	ccccacagc	actgcagtgg	gcaaccccg	gtatctcaac	3420
	actgtccagc	ccacctgtgt	caacagcaca	ttcgacagcc	ctgcccactg	ggcccagaaa	3480
	ggcagccacc	aaattagcct	ggacaaccct	gactaccagc	aggacttctt	tcccaaggaa	3540
	gccaaagcaa	atggcatctt	taagggtctc	acagctgaaa	atgcagaata	cctaaggggtc	3600
30	gcgccacaaa	gcagtgaatt	tattggagca	tga			3633

&lt;210&gt; 2

&lt;211&gt; 1210

&lt;212&gt; PRT

&lt;213&gt; EGFR

&lt;400&gt; 2

	Met	Arg	Pro	Ser	Gly	Thr	Ala	Gly	Ala	Ala	Leu	Leu	Ala	Leu	Leu	Ala
	1				5					10					15	
40	Ala	Leu	Cys	Pro	Ala	Ser	Arg	Ala	Leu	Glu	Glu	Lys	Lys	Val	Cys	Gln
				20						25				30		
	Gly	Thr	Ser	Asn	Lys	Leu	Thr	Gln	Leu	Gly	Thr	Phe	Glu	Asp	His	Phe
				35						40				45		
	Leu	Ser	Leu	Gln	Arg	Met	Phe	Asn	Asn	Cys	Glu	Val	Val	Leu	Gly	Asn
				50						55				60		
	Leu	Glu	Ile	Thr	Tyr	Val	Gln	Arg	Asn	Tyr	Asp	Leu	Ser	Phe	Leu	Lys
	65					70					75				80	
	Thr	Ile	Gln	Glu	Val	Ala	Gly	Tyr	Val	Leu	Ile	Ala	Leu	Asn	Thr	Val
				85						90					95	
50	Glu	Arg	Ile	Pro	Leu	Glu	Asn	Leu	Gln	Ile	Ile	Arg	Gly	Asn	Met	Tyr
				100						105				110		
	Tyr	Glu	Asn	Ser	Tyr	Ala	Leu	Ala	Val	Leu	Ser	Asn	Tyr	Asp	Ala	Asn
				115						120				125		
	Lys	Thr	Gly	Leu	Lys	Glu	Leu	Pro	Met	Arg	Asn	Leu	Gln	Glu	Ile	Leu
				130						135				140		